

**CLAIMS**

What is claimed is:

1. A system for enabling updates to applications on a running application server without requiring a server restart, the system comprising:

5 an application server that services an application for one or more clients;

a deployer that coordinates an update to the application with the application server, the deployer further comprising:

10 a configuration file that assigns a priority to the update and pushes the update to the application sever based, at least in part, upon the assigned priority.

2. The system of claim 1 further comprising:

15 a duplicate application storage space that communicates with the deployer, wherein the update to the application is first performed on the duplicate application storage space.

20 3. A method for updating an application on an application server wherein the update to the application is accomplished without the need for an application server restart, the method comprising:

polling a storage location with a deployer to notice the presence  
of an update, and when an update is noticed;  
signaling an application server that the update is present;  
determining a priority for the update;  
5 deciding whether to proceed with the update based, at least in  
part on the priority for the update, and if the decision is to  
proceed;  
adjusting the application so that the update may proceed;  
updating the application; and  
10 signaling the application server when the update is complete.

4. The method of claim 3 wherein the step of determining a priority for the  
update further comprises:  
reading the priority assigned to the update by the deployer,  
15 wherein the assigned priority is based, at least in part,  
upon a predetermined configuration.

5. A deployer that coordinates an update to an application running on an  
application server, the deployer comprising:  
20 a configuration file that assigns a priority to the update and  
pushes the update to the application sever based, at least  
in part, upon the assigned priority.

PATENT  
Attorney Docket No. 23452.150  
Client Reference No. LOT9-2001-0034-US1

6. The deployer of claim 5 further comprising:  
a poller to poll a storage location and determine whether modified application files exist.

5 7. The deployer of claim 5 further comprising:  
a signaler to signal the application server when the update is complete.

8. A system for enabling updates to applications on a running application server without requiring a server restart, the system comprising:  
10 application server means for serving an application for one or more clients;  
deployer means for coordinating an update to the application with the application server means, the deployer means further comprising:  
15 configuration file means for assigning a priority to the update and pushing the update to the application sever means based, at least in part, upon the assigned priority.

20 9. The system of claim 8 further comprising:  
duplicate application storage means for communicating with the deployer means, wherein the update to the application is

first performed on the duplicate application storage  
means.

10. A processor readable medium, having processor readable code  
5 embodied thereon, that causes a processor to update an application on an  
application server wherein the update to the application is accomplished  
without the need for an application server restart, the processor readable  
medium comprising:

processor readable code for polling a storage location with a  
10 deployer to notice the presence of an update, and when an  
update is noticed;  
signaling an application server that the update is present;  
processor readable code for determining a priority for the update;  
processor readable code for deciding whether to proceed with the  
15 update based, at least in part on the priority for the  
update, and if the decision is to proceed;  
adjusting the application so that the update may proceed;  
processor readable code for implementing the update to the  
application; and  
20 processor readable code for signaling the application server when  
the update is complete.

PATENT  
Attorney Docket No. 23452.150  
Client Reference No. LOT9-2001-0034-US1

11. The processor readable medium of claim 10 wherein the processor readable code for determining a priority for the update further comprises:

processor readable code for reading the priority assigned to the  
5 update by the deployer, wherein the assigned priority is based, at least in part, upon a predetermined configuration.

12. Deployer means that coordinate an update to an application running on  
10 an application server, the deployer means comprising:

configuration file means for assigning a priority to the update and pushing the update to the application sever based, at least in part, upon the assigned priority.

15 13. The deployer means of claim 12 further comprising:

polling means that polls a storage location and determines whether modified application files exist.

14. The deployer means of claim 12 further comprising:

20 signaling means for signaling the application server when the update is complete.